

Amendment dated 12/20/04
Response to Office Action dated 10/20/04

Application N. 09/737,098

IN THE CLAIMS

Please amend the following claims:

1. (Currently Amended) A system for obtaining credit history information of a person via a telephone network comprising in combination:

(a) an automated call handler coupled to the telephone network and capable of receiving a request for credit history information from a caller via the telephone network, querying the caller for details about the request, accessing the requested credit history information, and providing the requested credit history information to the caller in accordance with the request;

(b) an audio controller capable of providing outgoing audio messages from the call handler to the caller via the telephone network; and

(c) gateway terminal coupled to the automated call handler and having a searchable database having stored therein credit history information, wherein the gateway terminal further has a security checker for ensuring access to the searchable database by authorized callers, and wherein the security checker processes security identification information entered by the caller to verify authorization;

(d) a plurality of modems for converting a dual-tone multi-frequency (DTMF) signal into at least one digit; and

(e) a conversion module that transforms a first digit and a second digit into a letter, wherein the first digit identifies a group of letters and the second digit identifies the letter within the group, and wherein the first digit and the second digit are entered by the caller.

2. Cancelled

3. Cancelled

4. (Currently Amended) The system of claim 1, wherein the gateway terminal further has a data analyzer for converting the digits into at least one American Standard Code for Information Interchange (ASCII) character.

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5. (Original) The system of claim 1, wherein the gateway terminal further has a data search handler for searching the database based on the request provided by the caller.

6. (Original) The system of claim 1, wherein the call handler is capable of faxing the credit history information to the caller.

7. (Original) The system of claim 1, wherein the call handler mails the credit history information to the caller.

8. (Original) The system of claim 1, wherein the call handler e-mails the credit history information to the caller.

9. (Currently Amended) A system for obtaining book availability information via a telephone network comprising in combination:

(a) an automated call handler coupled to the telephone network and capable of receiving a request for book availability information from a caller via the telephone network, querying the caller for details about the request, accessing the requested book availability information, and providing the requested book availability information to the caller in accordance with the request;

(b) an audio controller capable of providing outgoing audio messages from the call handler to the caller via the telephone network; and

(c) a gateway terminal coupled to the automated call handler and having a searchable database having stored therein book availability information, wherein the gateway terminal further has a security checker for ensuring access to the searchable database by authorized callers, and wherein the security checker processes security identification information entered by the caller to verify authorization;

(d) a plurality of modems for converting a dual-tone multi-frequency (DMTF) signal into at least one digit; and

(e) a conversion module that transforms a first digit and a second digit into a letter, wherein the first digit identifies a group of letters and the second digit identifies the letter within the group, and wherein the first digit and the second digit are entered by the caller.

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10. Cancelled

11. Cancelled

12. (Currently Amended) The system of claim 9, wherein the gateway terminal further has a data analyzer for converting the digits into at least one American Standard Code for Information Interchange (ASCII) character.

13. (Original) The system of claim 9, wherein the gateway terminal further has a data search handler for searching the database based on the request provided by the caller.

14. (Original) The system of claim 9, wherein the audio controller converts the book availability into an audio response and the call handler provides the audio response to the caller.

15. (Currently Amended) A system for obtaining address information of an entity via a telephone network comprising in combination:

(a) an automated call handler coupled to the telephone network and capable of receiving a request for address information from a caller via the telephone network, and providing the requested address information to the caller in accordance with the request;

(b) an audio controller capable of providing outgoing audio messages from the call handler to the caller via the telephone network; and

(c) a gateway terminal coupled to the automated call handler and having a searchable database having stored therein address information, wherein the gateway terminal further has a security checker for ensuring access to the searchable database by authorized callers, and wherein the security checker processes security identification information entered by the caller to verify authorization;

(d) a plurality of modems for converting a dual-tone multi-frequency (DTMF) signal into at least one digit; and

(e) a conversion module that transforms a first digit and a second digit into a letter, wherein the first digit identifies a group of letters and the second digit identifies the

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letter within the group, and wherein the first digit and the second digit are entered by the caller.

16. Cancelled

17. Cancelled

18. (Currently Amended) The system of claim 15-16, wherein the gateway terminal further has a data analyzer for converting the digits into at least one American Standard Code for Information Interchange (ASCII) character.

19. (Original) The system of claim 15, wherein the gateway terminal further has a data search handler for searching the database based on the request provided by the caller.

20. (Original) The system of claim 15, wherein the audio controller converts the address information into an audio response and the call handler provides the audio response to the caller.

21. (Currently Amended) An automated system for providing information to a caller from a database through a telephone network, said system comprising in combination:

(a) means for providing interactive communication with the caller via the telephone network, wherein said means interactively queries the caller to submit a request on a step-by-step basis;

(b) means for receiving a plurality of two-character responses from the caller, wherein each two-character response represents a single ASCII character, and wherein each said two-character response corresponds to a plurality of keystrokes entered by the user;

(c) means for analyzing and converting the plurality of two-character responses from the caller into a database search request;

(d) searchable database means for storing information and coupled to the means for providing interactive communication with the user, wherein the information is selected from the group consisting of credit history information, book availability, and address information, and wherein the searchable database means comprises means for security checking in order to ensure access to the searchable database means by unauthorized

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callers, and wherein the security checker processes security identification information entered by the caller to verify authorization; and

(e) a database search means for searching the searchable database means using the database search request.

22. (Currently Amended) A method of obtaining information from a database through a telephone system, wherein the information is selected from the group consisting of credit history information, and book availability information, the method comprising the steps of:

(a) interactively querying a caller to submit a request for the information on a step-by-step basis;

(b) receiving a plurality of character responses from the caller to form a request, wherein each response represents a single ASCII character, where n step (b) comprises receiving a plurality of two-character responses from the caller, wherein each two-character response represents a single ASCII character, wherein each said two-character response corresponds to a plurality of keystrokes, and wherein each two-character response corresponds to a plurality of input entries from the caller;

(c) analyzing and converting the plurality of character responses from the caller to form a database request search request;

(d) searching in a database means for the requested information; and

(e) providing the requested information to the caller.

23. Cancelled

24. Cancelled

25. Cancelled

26. Cancelled

27. (Previously Presented) A system for obtaining credit history information of a person via a telephone network comprising in combination:

(a) an automated call handler coupled to the telephone network and capable of receiving a request for credit history information from a caller via the telephone network,

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querying the caller for details about the request, accessing the requested credit history information, and providing the requested credit history information to the caller in accordance with the request;

(b) an audio controller capable of providing outgoing audio messages from the call handler to the caller via the telephone network;

(c) gateway terminal coupled to the automated call handler and having a searchable database having stored therein credit history information, wherein the gateway terminal further has a security checker for ensuring access to the searchable database by authorized callers, and wherein the security checker processes security identification information entered by the caller to verify authorization;

(d) plurality of modems for converting a dual-tone multi-frequency (DTMF) signal into at least one digit; and

(e) a conversion module that transforms a first digit and a second digit into a letter, wherein the first digit identifies a group of letters and the second digit identifies the letter within the group, and wherein the first digit and the second digit are entered by the caller.

28. (Previously Presented) The system of claim 27, wherein the gateway terminal further has a data analyzer for converting the digits into at least one American Standard Code for Information Interchange (ASCII) character.

29. (Previously Presented) The system of claim 27, wherein the gateway terminal further has a data search handler for searching the database based on the request provided by the caller.